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PTO/SB/08A (10-96)
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Substitute fo	r form 1449A/P	то		Complete if Known		
i				Application Number	10/663,359	
IN	FORMATIO	N DISCL	OSURE	Filing Date	09/16/2003	
ST	ATEMENT	BY APP	LICANT	First Named Inventor	Karandikar, P.	
				Group Art Unit	1774	
(L	ise as many sh	eets as ne	cessary)	Examiner Name		
Sheet	1	of	3	Attorney Docket Number	M-102-E	

				U.S. PATENT DOCUMENTS		
Examiner Initials*	Cite No.1	U.S. Patent Docum Number	Ment Kind Code ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
$\Delta M2$		3,622,283		Sara	11-23-1971	
1		3,766,000		Gibson et al.	10-16-1973	
		3,807,996		Sara	04-30-1974	
		3,994,867		Baughman et al.	11-30-1976	
		4,005,183		Singer	01-25-1977	
		4,083,719		Arakawa et al.	04-11-1978	
		4,157,409		Levitt et al.	06-5-1979	
		4,376,803		Katzman	03-15-1983	
		4,444,467		Shuskus, et al.	04-24-1984	· · · · · · · · · · · · · · · · · · ·
		4,451,118		Stalcup et al.	05-29-1984	
		4,535,035		Smialek, et al.	08-13-1985	· · · · · · · · · · · · · · · · · · ·
		4,791,076		Leggett, deceased, et al.	12-13-1988	
		4,804,586		Tanaka et al.	02-14-1989	
		4,944,904		Singh et al.	07-31-1990	
		5,015,540		Borom	05-14-1991	
		5,330,807		Williams	07-19-1994	
		5,523,841		Nara et al.	06-04-1996	
		5,834,115		Weeks, Jr. et al.	11-10-1998	
Ny		5,993,934		Reese et al.	11-30-1999	

*				FORE	IGN PATENT DOCUMEN	TS		
Examiner Initials*	Cite No.1	For Office ³	eign Patent Docum	Kind Code ⁵	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	To
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				'Group Art Unit	1774	
(0	use as many s	sheets as ne	cessary)	Examiner Name		
Sheet	2	of	3	Attorney Docket Number	M-102-E	

		U.S. Patent Docu	ment			Pages, Columns, Lines,
Examiner Initials*	Cite No. ¹	Number	Kind Code ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear
W)		6,030,913		Heine et al.	02-29-2000	
		6,079,525		Dietrich et al.	06-27-2000	
		6,221,475	B1	Domergue et al.	04-24-2001	
1. 1		6,261,981	B1	Dietrich et al.	07-17-2001	
		6,328,834	B1	Rebstock et al.	12-11-2001	
mo		6,426,968	B1	Strife, et al.	07-30-2002	

		For	Foreign Patent Document				Pages, Columns, Lines	Г
Examiner Initials*	Cite No.'	Office ³	Number ⁴	Kind Code ⁶	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	r
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				Group Art Unit	1774	
	(use as many s	sheets as nec	essary)	Examiner Name		
Sheet	3	of	3	Attorney Docket Number	M-102-E	

F	T	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
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n		"BP Amoco Chemicals – Carbon Fibers", selected pages (9) from website www.bpamococarbonfibers.com, Copyright 2000 BP Amoco plc.	
w		MARK A. EALEY, JOHN A. WELLLMAN and GERALD WEAVER, "CERAFORM SiC: roadmap to 2 meters and 2Kg/m2 areal density", Advanced Materials for Optics and Precision Structures, SPIE Critical Reviews, Vol. CR67, pp. 53-70, ISBN 0-8194-2598-2, Sept. 1997.	
W		C.J. DUSTON and R.L. WAHL, "Precision Cast Silicon Carbide Technology for Large Optics", Report No. AFWAL: TR-87-4104, Nov. 7, 1987, Contract No. F 33615-85-C-5001, pp. i-xiii, 1-7, 113 and 114.	
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